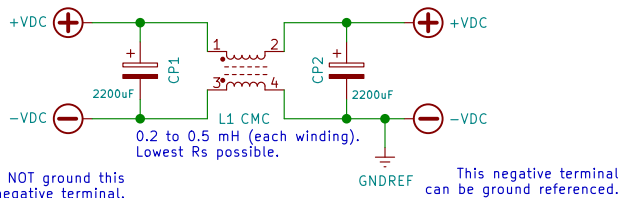


1. For CP1 and CP2, Bevenbi 2200 uF 25V 105C Low ESR Aluminium Electrolytic Capacitors can be used.
2. Dhiru recommends using original Mornsun SMPS power supplies as second choice, if using a Linear-Power-Supply is NOT an option.
3. Testing the filter: Make sure that the noise spikes ("birdies") are gone on the 160m and 80m bands. If the switching frequency of the SMPS is 65 KHz (typical), then the birdies are 65kc apart on the 160m and 80m bands.
4. For commercial CMC, look at Wurth S14100038 (Mouser) and similar parts.
5. For DIY CMC, use CF197T4511C ferrite core from Cosmo Ferrites. We need 'AL' to be in 5000 to 10000 range for CMC applications. Use winding wire of suitable gauge (based on the current rating). Check 'product catalogues' of Cosmo Ferrites, TDK EPCOS, and Mahindra CIE for more options.

References:

- http://www.mahindrachie.com/images/pdf/soft_ferrite_core.pdf
- https://www.semic.cz/!KATEGORIE/6K/COSMO_EN.pdf



Megas3300, VU3CER (Dhiru)

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